公司简介

Company Profile

Fukutomi Company Limited was founded in 1984 by Dr. Steve Wong with only one staff member at the beginning. Started from watch and plastic scrap business, Fukutomi has grown into a large conglomerate of 100+ employees with "plastic scrap" now remains the core business of the company. Today, the company's annual sales turnover exceeds 2 billion Hong Kong Dollars.

In view of the rapid business growth in the late 80’s, management decided to develop channels and network of supply in potential countries across the world by setting up associate companies and developing business partners worldwide. Europe and USA are our major markets of supply, followed by Australia and Asia. Today, Fukutomi’s operation spans across 15 countries in Europe, USA, Australia, Asia and South Africa with our associate companies collecting various types of industrial plastic scrap locally and shipping them to Hong Kong and China in containers.

To capture the business opportunities that arose when China joined the World Trade Organization, Fukutomi set up its representative office in Beijing, China in 2006.

With the evolving global economy, the ever-changing market requirements and the increasing demand of environmental protection, Fukutomi dynamically developed the use of recycled plastic scrap. To prove our commitment to environmental protection and to follow the company’s objective of sustainable development, Fukutomi Company Limited, a company which manufactures plastic products from plastic scrap materials, was officially established in 2003 to handle the imports and trading of finished products.

In 2006, Fukutomi (Shantou) Industrial Ltd. was established in Shantou, China and decided to invest in a science and technology park within the Shantou Free Trade Zone.

The Shantou Fukutomi Green Science and Technology Park covers an area of over 94,000 m². Initial phase production lines include production of multimedia packaging products, blisters used for packaging purpose, plastic pallets for industrial use by using prime and recycled materials; compounding of plastics; and production of biodegradable Polyactic Acid products. All these activities are to strengthen and enhance our commitment to achieving the company’s objective.

The utilization of biodegradable materials in replacing the traditional petroleum-based plastics for environmental protection has become the world trend of today. Fukutomi has produced products such as golf tees and flower pots from biodegradable Polyactic Acid. These products were exhibited at the Environmental Protection Trade Fair in Hong Kong in the last few years.

In addition to the ISO9001:2008 Quality Management System certification, Fukutomi accreditied in 2010, Fukutomi Company Ltd. and Fukutomi (Shantou) Industrial Ltd. has also received the "Recycled Material Verification Statement" issued by TUV Rheinland in 2011.

While construction of the plastic scrap recycling plant in Tseung Kwan O Industrial Estate will be kicked off in 2014, an interim recycling plant has been set up in Yuan Long in 2010. The plant not only handles sorting, crushing, separation, washing and pelleting of WEEE and other plastic scrap, but also EPS recycling.

As a consequence of industrial transformation in Southeast Asian region and dramatic increase in production cost in Mainland China in recent years, many international enterprises have gradually moved their manufacturing plants out of China to other Southeast Asian countries such as Vietnam, Philippines, Thailand and Cambodia. In view of this trend, Fukutomi has decided an investment for a construction project in Vietnam Singapore Industrial Park (VSIP) which is located between the collaboration and Vietnam governments in Binh Duong Province, Vietnam. The total land surface area is around 7,000 m². It is planned that construction will complete and operations commence in 2015.

Many renowned international enterprises have invested in VSIP due to the well-established industrial infrastructure such as provision of utility supplies and sewage treatment, proximity to local airport and ports and high accessibility by road transport.

The production model to collect production scrap from local factories, and to produce recycled re-pro pallets by sorting, grinding and pelleting in order to supply raw materials for local manufacturing industries, as hangers production.

The vision of "Fukutomi Company Limited" is to become a leading enterprise committing to help society promote the use of present resources through recycling activities. We will strive to improve our competitiveness and seize business opportunities for development, whilst at the same time conducting research in developing more green products that contribute to the world’s sustainable development.

近期，利用环保可降解塑料取代传统石油基塑料的生物基塑料或已成全球发展趋势，以此减轻环境污染的宗旨。目前，本公司使用生物降解塑料生产高尔夫球棒及花盆等产品，并于近年来在香港“国际环保博览”上展出。

2010年成功荣获ISO9001:2008品质管理认证。2011年1月18日，为纪念公司成立二十周年，本公司在香港特别行政区贸易发展局主办的“2011香港贸发局香港20周年纪念庆典”上展出产品。
汕头卜高通美环保科技园
Shantou Fukutomi
Green Science and Technology Park

In 2008, Fukutomi invested in the construction of Shantou Fukutomi Green Science and Technology Park (GST Park) in Shantou Free Trade Zone. The GST Park occupied a total area over 94,000 m² and a maximum building area of 200,000 m².

The GST Park started production in 2009. Apart from the manufacturing complexes, training center, staff dormitory and canteen, the GST Park also provides entertainment and recreational facilities such as recreation center, soccer field, basketball and badminton courts for the staff to enjoy during their leisure time.

In the last few years, Shantou Fukutomi Green Science and Technology Park has been accredited by the internationally recognized ISO9001:2008 Quality Management, ISO14001:2004 Environmental Management, GB/T 28001-2001 Occupational Health and Safety Management System Certificates. ISO14021 Recycled Material Verification Statement, as well as the "National Industrial Production Permit" (QS Certificate) by the Administration of Quality and Technology Supervision of Guangdong Province, "Darning Foundation for Plastics Recycling in China" by China Plastics Processing Industry Association.

Current production lines of the GST Park:

1) Plastic Pallets
We currently focus on manufacturing industrial-use plastic pallets for the European, American and Asian markets, and will develop and design more models in response to customers’ needs and market evolution. Large-scale injection-molding machines with clamping force up to 2800MT will run to manufacture pallets in various designs in order to promote Fukutomi products into different market horizons.

2) Thermofoming and Calendering Products
By using bio-degradable PLA or other recycled materials such as PET, we manufacture plastic blister applying in packaging industry through the process of thermofoming and calendering.

3) Products from Injection Molding
High speed thin wall injection molding machines with clamping force of 220MT were installed and we have developed a series of PP thin wall lunch boxes so as to diversify our production. Moreover, PLA is utilized for producing various injection molding products according to customers’ demand, such as flowerpots, golf tees and ume etc.

4) Molding Workshop
In order to catch up with the market’s product development trend, a mold making workshop is installed in the GST Park to explore various new products and for our international clients. Our company’s Research & Development Department strives to exploit new plastics products with revolutionary design so as to provide customers with “One-Stop” service from research, design, production, sales and consultation service after sales. Our molding room was designed following the internationally recognized CAD/CAM/CAE systems and well-equipped with a series of advanced production and testing instruments, facilitated by a precise and efficient production flow, including the procedures of: conceptualizing and designing; 3D conceptual drawing; sampling making; 4 engineering and structural design; 5 mold design; 6 mold making. 3D design drawings and mock injection molding processes are conducted by using advanced softwares. During the mold production process, we developed testing instruments such as coordinate measuring machines and projectors are utilized for examining material strength and controlling material quality. We are now producing molds of different sizes from small injection products such as cutlery to large products such as pallet.

5) Biodegradable Polyactic Acid (PLA) Products
Plastic products are environmental friendly as they will decompose in soil under certain temperature and humidity.

6) Compounding of Plastics
We have been handling different types of plastics for number of years. We will further develop by compounding various plastics by means according to our customer requirement. Currently, we supply compounded PET, PLA and ABS.

7) Multimedia Packaging Products
Manufacturing of CD & DVD plastic packaging boxes will be further expanded in the GST Park. Besides using prime Polypropylene, we will also utilize recycled Polypropylene in the production of products in order to maximize use of resources.

8) Technology Research & Product Testing Laboratory
The GST Park is well equipped with advanced materials and product testing machines in order to verify specifications on the nature of different plastic products. At the same time, we adopt “new technology, new craft” policy to invent a series of biodegradable and modified plastics so as to catch up the market trend. Our development objective and investment in technological research founded a strong platform for our long term development.

9) Environmental Protection
For environmental protection, we have established a series of PP plastic recycling machinery, for our company’s products, the plastic waste generated by the customers is collected and recycled; for other plastics provided by the customers, we will utilize the recycling equipment to separate and treat the plastic waste. We have set up a recycling center to utilize the material and provide materials as a feedstock for the plastic manufacturing industry.

(3) 注塑产品

工厂设有注塑成型生产线，并开发了一系列PP塑料管材制品，丰富了我们公司拥有的多PP系列，为客户提供不同类型的 plastics like PE/PP/PE/PP，管材等，适用于高尔夫球杆及其它玩具等行业。

(4) 自动化

为了带动市场的进一步发展及客户的发展，环保科技园内自设模具部，以开拓各大小类型的塑料产品模具。公司设有开模与注塑部，由研发、设计、生产到销售，为客户提供一站式服务。模具车车间配套CAD/CAM/CAE系统支持，采用先进的生产流程及生产宠和检测设备；完成从产品的设计到射出技术制作－模架制作－工程设计－模具制作的整个流程。模具自行设计制刀部进行3D模具制作，并采用先进软件进行工程设计及改良设计，经过多次修改、试制、改进然后再次精细分类制作。在具备高生产效率，采用各类先进的检验设备（如精密点测仪、投影仪）进行产品控制及质量检测，确保模具完成后即可投入生产。

(5) 可降解聚乳酸制品

可降解聚乳酸制品，除了不会对自然环境造成任何侵害，根据市场需求，产品可用于在生物环境中完全分解的塑料，对大自然无害。

(6) 塑料改性

我们亦将通过塑料改性技术，以扩展多种物料的应用范围，使其更广泛应用，并达到环保及环保保护的目标。目前，我们提供PETP、PLA及ABS改性塑料。

(7) 多媒体包装产品

于环保科技园内生产CD/DVD影碟包装盒，按不同需求提供产品，生产不同种类包装。

(8) 材料及样品检测

环保科技园配备各类精密的材料及产品研发、检测实验室，确保检测各类型塑料的物理指标；同时，配合产品开发的需要，采用新科技、新技术、新工艺，研发、开发一系列的可降解材料及改性塑料产品，为环保科技园的长远发展奠定坚实的技术支持平台。
Fuku Sunghoon China Machinery Manufacturing Co., Ltd.

The Fuku Sunghoon China Machinery Manufacturing Co., Ltd. boast a total area over 12,000m², is located at the rapidly developing Fuxin Industrial Park in Fushan, Yantai. The production plant started to operate in 2005 whereas the multi-functional complex which comprises office, dormitory, cafeteria and recreational facilities was completed the following year.

We strive to infuse the sophisticated Korean's craftsmanship and technologies into our manufacturing of EPS machinery including: EPS Recycling A-Lump Machines, EPS Recycling Compactor, Pre-expanding Machines, Automatic Shape Molding Machines, Block Molding Machines, Cutting Machines, etc. Our products perform excellently in the manufacturing and processing of construction materials (heat preserving, heat insulating, moist resistant materials), materials for civil engineering (lining materials for substructures) as well as packaging materials for home appliances and food (vegetable and fruit packaging, farm produce packaging and seafood packaging materials). We also excel in providing tailor-made equipments.

Range of Products

**EPS Full Automatic Pre-Expanding Machine** This fully automatic EPS pre-expanding system comprising pressurized expanding machine and fluid drying, sitting, peeling and transporting devices is capable of producing evenly constructed foam products. It is applicable to pre-expansion of EPS plastic foam products.

**EPS Full Automatic Shape Molding Machine** Mainly used for processing foam molding. It molds pre-expanded EPS beads through thermal-forming process. Desired sizes can be achieved with precision for dry EPS products through vacuum and water cooling processes.

**EPS Full Automatic Block Molding Machine** This machine can mold pre-expanded EPS beads into desired shapes through thermal-forming process using steam. The shape of foam products will then be fixed by using vacuum cooling and dehydrating techniques.

**EPS Hot Wire Cutting Machine** Mainly for peeling and cutting EPS foam boards. It can also perform cutting of other products of the same kind.

**EPS Flame Retardant Block Molding Machine and EPS Flame Retardant Agent Coating Machine** In order to meet the market demand for expanded polystyrene (EPS) thermoset products, our factory has launched these new devices for the production of large EPS flame retardant boards. The production technique involves a ripening process after the device has prepared the raw materials for EPS products. The inorganic flame retardant materials are mixed with specially-formulated adhesives before added to the large EPS boards, which form a flame-retarding coating. The fireproof insulation materials are produced with a quality comparable to “A” grade.

**EPS Recycling A-Lump Machine** This machine aims at re-processing EPS scrap into EPS A-Lump through the procedures of removing the impurities, pulverizing and melting by the automatic system. It helps adding value to the EPS scrap as the EPS A-Lumps can be used as raw material for further production.

**EPS Recycling Compactor** It aims at reducing the volume of bulky but light EPS scrap by compressing them into compacted EPS Lump in order to save the transportation cost.

成勋卜高塑料机械(烟台)有限公司

成勋卜高塑料机械(烟台)有限公司，位于经济发展的金苹果模具产业区，占地面积面积12,000多平方米，厂房于2005年5月开始投产。厕所、办公室、员工宿舍、餐厅及休闲娱乐等多功能的主体楼及于翌年竣工。

成勋卜高采用韩国成熟的生产工艺和技术，专业生产EPS加工机及EPS回收系列机器：回收系列机器是废料回收、裁剪、自动成型机、切割机等产品。产品可应用于铸造和加工建筑用材料（保温、隔热、防潮材料）、土木工程材料（道路铺装材料）、家用用品包装材料和食品包装材料（食品包装、畜产食品包装、水产产品包装等材料）。公司能够根据用户的需要度身定做个性化设备。

公司产品分类

**EPS废料回收机器**：主要为将回收来的EPS废料，去除余物后，进行输送带进入废料回收裁剪机，然后进行切割，压紧工序制成为EPS压紧料块。

**EPS废料回收裁剪机**：主要是将回收来的轻质固体废料的EPS废料，去除余物后，送入输送带进入废料回收裁剪机，然后进行切割，压紧工序制成为EPS压紧料块。

**EPS全自动加压浇注式发泡机**：由高压加压发泡机和固化于模具内，精粹，输送原料将熔融胶液发泡比例均匀的全自动EPS发泡系统。适用于将可塑性聚合乙烯（EPS）泡沫塑料制品的内部模发泡。

**EPS全自动加压发泡机**：适用于加工薄型或各种异型的EPS泡沫塑料制品的内部模发泡，将成型加工后的EPS泡沫塑料射入模腔，采用蒸汽加热模腔粘合或浇注模具内，调节水温度和尺寸稳定的EPS制品。

**EPS全自动发泡机**：将通过预发泡的可塑性聚合乙烯（EPS）泡沫塑料在模腔内填充，喷入蒸汽加热，使液于模腔内，然后通过模具冷却并即时模具内温度和水分，使泡沫塑料粘合定型。

**EPS电热丝切割机**：主要用于可塑性聚合乙烯（EPS）泡沫塑料制品的切割。

**EPS膨胀发泡机及EPS膨胀发泡模板**：为配合市场上对高密度EPS板的需求，开发出以上两种产品。适用于生产膨胀EPS板。生产工艺在于设备把EPS原料预发泡后，加硫硬化加工，把硫化成的高密度和特殊配方的胶液剂加入EPS发泡板，形成膨胀泡沫，生产出接近A级的防火保温材料。
我们可降解聚乳酸产品

Our Biodegradable PLA Products

可降解聚乳酸餐具 / Biodegradable PLA Cutlery and Tableware

我们生产的可降解聚乳酸餐具具有成人或儿童适用的叉、刀、匙、骨碟等，餐具由可降解聚乳酸原料制成，为百分之百可降解环保产品。在合适的湿度及环境之下，餐具会自然分解。我们的可降解聚乳酸餐具同时以可降解物料包装，绝对符合环保原则。餐具设计适用于冷、热饮品及主食。我们的可降解聚乳酸餐具除耐用及卫生，更符合环保要求。

We produce biodegradable PLA cutlery and dining utensils including forks, knives, spoons, ice-cream scoops, etc. All products are 100% non-toxic and are certified for food use. They do not contain any petroleum-based plastic resins and will completely break down in active compost systems. The biodegradable cutlery is also packaged in biodegradable packaging made from corn starch, which is compostable as well. Biodegradable PLA tableware is suitable for cold dishes and modified biodegradable PLA can also be heat resistant up to 120°C which is suitable for hot dining. Our products are highly diversified in terms of design and content to meet different market needs.

可降解聚乳酸高尔夫球钉 / Biodegradable PLA Golf Tee

可降解聚乳酸高尔夫球钉。除了不会对环境造成任何伤害，同时又可重复使用，为高尔夫爱好者提供一个环保的选择。高尔夫球钉会自然地分解，不会进入土壤而损害环境。

Biodegradable PLA golf tee is a product that is not only friendly to the environment, but also helps to protect your golf equipment as it is less harmful to the club face compared to traditional wooden or PVC tees. Golfers do not have to pick up the tee marks, the tees will biodegrade and simply disappear under certain temperature and humidity. Another advantage of biodegradable PLA golf tee is that it is even stronger than traditional wooden tees and hence needs to be replaced less frequently.

可降解聚乳酸花盘 / Biodegradable PLA Flowerpot

在合适的环境下，可降解聚乳酸花盆被埋植于土壤中会自然分解。可降解聚乳酸花盆在生长过程中可随植物根部直接埋植于土内，无需取出来花盆，令园艺公司可快速方便地种植并节省成本。花盆的形状、大小及图案可因应客户需要而设计。相比一般花盆或陶瓷花盆，可降解聚乳酸花盆会带来更佳的通风效果，产品的设计及图案可有不同颜色及款式以供选择。

Under certain temperature and humidity, the biodegradable PLA flowerpot will biodegrade after being buried inside soil. These biodegradable flowerpots can be buried together with plant seedlings inside soil and unnecessary to be removed which facilitates gardening companies to save time and cost. When compared to plastic and ceramic pots, our product has very good ventilation with smooth and beautiful finishing. Our product has many choices of color, size and design for your reference.

可降解聚乳酸再生粒子 / Biodegradable PLA Reprocessed Pellets

除了生产可降解聚乳酸成品外，我们亦从水果、蔬菜类的工业废料中提炼可降解聚乳酸再生粒子。使其可以再次投入不同的生产。通过不断的实验，我们已经研发出一系列新型的颜色、耐热性能上具不同特性的可降解聚乳酸再生粒子，以满足客户的不同需求。

Apart from finished biodegradable PLA products, we also re-process PLA production scrap from Europe and the States into reprocessed biodegradable PLA pellets which can be incorporated into various kinds of manufacturing industries. Through a series of researches, we are now producing different types of biodegradable PLA reprocessed pellets with different characteristics in terms of toughness, transparency and heat resistance.

Our Products

1. Plastic Pallets

By using the large injection molding machines with clamping force of 2000MT, 2400MT and 5000MT, our manufacturing plastic pellets of thermoplastic specifications from our recycled plastic raw materials for storage and logistic purposes in different industries.

Advantages of plastic pallets compared to traditional wooden pallets include:

(1) Longer life-span around 5-7 times to wooden pallets;
(2) Light in weight, deal and decent appearance, non-toxic, non-free, non-prox);
(3) Easy for washing and dehydration, resistant to rot, non-flammable;
(4) Humidity-free, acid-proof, heat-resistance;
(5) Recyclable

2. Green PLA and PET Calendering Sheets

With our PLA and PET filmforming and calendering production lines, we produce PLA and PET sheet with thickness of 0.18-1.5mm and width within 700mm. A monthly productivity of 2400MT meets the rapidly growing demand for environmentally friendly packaging products.

3. PP Thin Wall Lunch Boxes

Light PP thin wall lunch boxes are multi-functional, user-friendly and portable. It can be used for food storage inside refrigerators and applicable for micro-wave.

4. Thermoforming and Injection Molding Products

By using various plastic materials such as PET, PLA, PP and PS, we produce blister for packaging in food and other industries. Products include disposable cups, fruit packaging boxes. Besides, we also manufacture injection molding products such as PP flowerpots, PLA golf tees and PLA cutlery etc.

4. 环保产品 / Eco-friendly Products

Eco-friendly PLA/PPET products provide higher flexibility, less cost inefficiency, and less waste production. It is more environmental friendly than other plastic products. Minimal to non-toxicity, PLA/PPET products are suitable for green packaging and has become a new trend in the packaging industry.

Regarding PLA material, it is a fully degradable material from renewable resources. It does not contain any petroleum-based plastic resins and is suitable for hot dining. Our products are highly diversified in terms of design and content to meet different market needs.

3. PP薄壁餐盒

多功能聚丙烯饭盒造型轻便，携带方便，既可用于微波炉，又可放置在冰箱用于食物冷藏保持。

4. 膠囊产品

我们提供多种胶囊 (PET, PLA, PP, PS) 的食品及工业包装产品，包括一次性饮水杯、食品包装容器，药囊等。
LINDNER

Enhance your production performances, both QUALITY and EFFICIENCY.
If you don’t compromise, LINDNER is the choice.

Background
Lindner-Reyecycling GmbH was founded in 1949 by an Australian family - Lindner - as a manufacturer of machinery and plants for the timber industry. Until 1984, they explored the potential in the recycling of waste and thus the first shredding plants were developed and produced for this range of application. 1999 marks the beginning of the era of Lindner-Reyecycling GmbH. Today, the successful enterprise is directed and managed in third generation by Manuel Lindner, a graduate engineer. The enterprise employs more than 200 staff and involves six incorporated companies.

Core Business
The core competence of Lindner-Reyecycling GmbH is shredding technology - from development, construction, production and distribution, to comprehensive customer service is from one source. Every year, approximately two thousand single shaft shredders and plant components for the recycling plants are delivered by our production plants, 93% of them for export. Lindner reSource is a new line under Lindner-Reyecycling GmbH.

Shredders
The shredders provided by Lindner reSource are able to process both hard and soft waste materials by changing the blades easily under the “Monopol System”. Hard plastics such as lamps, drums, large parts can be shredded by using the square blades rotor while soft materials such as big bags, shingles and thin film can be shredded by the point blade rotor. The shredders incorporated intelligent designs such as hydraulic maintenance flap, hydraulic movable screen system, PLC control and internal force feeder.

Washing Lines - All case for efficient recycling
The washing facilities provided by Lindner reSource include a full range of necessary components such as pre-wash screw and friction cleaner, separation systems, drying systems, and electronic components for smooth production processes and optimal operation comfort etc. It provides reliable processing of even heavily contaminated and rough plastics waste such as agricultural films, post-consumer PET bottles and hard plastics targeting on obtaining clean and pure PE, PP, PS, PES etc.

Distributor in China, Taiwan and Hong Kong
In 2014, in order to introduce Lindner’s recycling technology to China - the biggest market in the world, Lindner-Reyecycling GmbH has chosen FujiShou Company Limited - headquartered in Hong Kong with 30 years of experience in plastics recycling industry to be its sole distributor in China, Taiwan and Hong Kong.